



Seqlist.ST25.txt

COPY OF PAPERS
ORIGINALLY FILED

SEQUENCE LISTING

<110> Wittamer, Valerie
Communi, David
Vandenbogaerde, Ann
Detheux, Michel
Parmentier, Marc

<120> Natural Ligand of G Protein Coupled Receptor ChemR23 and Uses Thereof

<130> 9409/2041

<140> US 09/905,253

<141> 2001-07-13

<150> US 60/303,858

<151> 2001-07-09

<160> 38

<170> PatentIn version 3.0

<210> 1

<211> 1112

<212> DNA

<213> Homo sapiens

<400> 1

atggaggatg aagattacaa cacttccatc agttacggtg atgaataccc tgattattta
60

gactccattg tggtttttggg ggacttatcc cccttggaag ccagggtgac caggatcttc
120

ctggtggtgg tctacagcat cgtctgcttc ctggggattc tgggcaatgg tctggtgatc
180

atcattgcca ccttcaagat gaagaagaca gtgaacatgg tctggttcct caacctggca
240

gtggcagatt tcctgttcaa cgtcttcttc ccaatccata tcacctatgc cgccatggac
300

taccaactggg ttttcgggac agccatgtgc aagatcagca acttccttct catccacaac
360

atgttcacca gcgtcttcct gctgaccatc atcagctctg accgctgcat ctctgtgctc
420

ctccctgtct ggtcccagaa ccaccgcagc gttcgcttg cttacatggc ctgcatggtc
480

atctgggtcc tggctttctt cttgagttcc ccattctctg tcttcggga cacagccaac
540

ctgcatggga aatatcctg cttcaacaac ttcagcctgt ccacacctgg gtcttcctcg
600

tggcccactc actcccaaact ggacctgtg gggtatagcc ggcacatggg ggtgactgtc
660

accgcttcc tctgtggctt cctgggtcca gtctcatca tcacagcttg ctacctacc
720

atcgtctgca aactgcagcg caaccgctg gccaagacca agaagccctt caagattatt
780

gtgaccatca tcattacctt ctctctctgc tgggtgccctt accacacact caacctcta
840

gagctccacc aactgccat gcctggctct gtcttcagcc tgggtttgcc cctggccact
900

gcccttgcca ttgccaacag ctgcatgaac cccattctgt atgttttcat ggtcaggact
960

tcaagaagtt caaggtggcc ctcttctctc gcctgggtcaa tgctctaagt gaagatacag
1020

gccactcttc ctaccccagc catagaagct ttaccaagat gtcaatgaat gagaggactt
1080

ctatgaatga gagggagacc ggcattgctt ga
1112

<210> 2
 <211> 371
 <212> PRT
 <213> Homo sapiens

<400> 2

Met	Glu	Asp	Glu	Asp	Tyr	Asn	Thr	Ser	Ile	Ser	Tyr	Gly	Asp	Glu	Tyr	1	5	10	15
Pro	Asp	Tyr	Leu	Asp	Ser	Ile	Val	Val	Leu	Glu	Asp	Leu	Ser	Pro	Leu	20	25	30	
Glu	Ala	Arg	Val	Thr	Arg	Ile	Phe	Leu	Val	Val	Val	Tyr	Ser	Ile	Val	35	40	45	
Cys	Phe	Leu	Gly	Ile	Leu	Gly	Asn	Gly	Leu	Val	Ile	Ile	Ile	Ala	Thr	50	55	60	
Phe	Lys	Met	Lys	Lys	Thr	Val	Asn	Met	Val	Trp	Phe	Leu	Asn	Leu	Ala	65	70	75	80
Val	Ala	Asp	Phe	Leu	Phe	Asn	Val	Phe	Leu	Pro	Ile	His	Ile	Thr	Tyr	85	90	95	
Ala	Ala	Met	Asp	Tyr	His	Trp	Val	Phe	Gly	Thr	Ala	Met	Cys	Lys	Ile	100	105	110	
Ser	Asn	Phe	Leu	Leu	Ile	His	Asn	Met	Phe	Thr	Ser	Val	Phe	Leu	Leu	115	120	125	
Thr	Ile	Ile	Ser	Ser	Asp	Arg	Cys	Ile	Ser	Val	Leu	Leu	Pro	Val	Trp	130	135	140	
Ser	Gln	Asn	His	Arg	Ser	Val	Arg	Leu	Ala	Tyr	Met	Ala	Cys	Met	Val	145	150	155	160
Ile	Trp	Val	Leu	Ala	Phe	Phe	Leu	Ser	Ser	Pro	Ser	Leu	Val	Phe	Arg	165	170	175	
Asp	Thr	Ala	Asn	Leu	His	Gly	Lys	Ile	Ser	Cys	Phe	Asn	Asn	Phe	Ser	180	185	190	

Leu Ser Thr Pro Gly Ser Ser Ser Trp Pro Thr His Ser Gln Met Asp
 195 200 205

Pro Val Gly Tyr Ser Arg His Met Val Val Thr Val Thr Arg Phe Leu
 210 215 220

Cys Gly Phe Leu Val Pro Val Leu Ile Ile Thr Ala Cys Tyr Leu Thr
 225 230 235 240

Ile Val Cys Lys Leu Gln Arg Asn Arg Leu Ala Lys Thr Lys Lys Pro
 245 250 255

Phe Lys Ile Ile Val Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
 260 265 270

Pro Tyr His Thr Leu Asn Leu Leu Glu Leu His His Thr Ala Met Pro
 275 280 285

Gly Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Leu Ala Ile
 290 295 300

Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly Gln Asp
 305 310 315 320

Phe Lys Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Val Asn Ala Leu
 325 330 335

Ser Glu Asp Thr Gly His Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
 340 345 350

Lys Met Ser Ser Met Asn Glu Arg Thr Ser Met Asn Glu Arg Glu Thr
 355 360 365

Gly Met Leu
 370

<210> 3

<211> 1116

<212> DNA

<213> Mus musculus

<400> 3

atggagtacg acgcttataa cgactccggc atctatgatg atgagtactc tgatggcttt
60

ggctactttg tggacttgga ggaggcgagt ccgtgggagg ccaaggtggc cccggctctc
120

ctggtggtga tctacagctt ggtgtgcttc ctcggtctcc taggcaacgg cctggtgatt
180

gtcatcgcca ccttcaagat gaagaagacc gtgaacactg tgtggtttgt caacctggct
240

gtggccgact tcctgttcaa catctttttg ccgatgcaca tcacctacgc ggccatggac
300

tacctctggg tgttcgggaa ggccatgtgc aagatcagca acttcttgct cagccacaac
360

atgtacacca gcgtcttctt gctgactgtc atcagctttg accgctgcat ctccgtgctg
420

ctccccgtct ggtcccagaa ccaccgcagc atcgcgctgg cctacatgac ctgctcggcc
480

gtctgggtcc tggctttctt cttgagctcc ccgtcccttg tcttcgggga caccgccaac
540

attcatggga agataacctg cttcaacaac ttcagcttgg ccgcgctga gtctctccca
600

catcccgccc actcgcaagt agtttccaca gggtagagca gacacgtggc ggtcactgtc
660

accgcttcc tttgcggctt cctgatcccc gtcttcatca tcacggcctg ctaccttacc
720

atcgtcttca agctgcagcg caaccgctg gccagaaca agaagccctt caagatcatc
780

atcaccatca tcatcacctt cttcctctgc tggtgccctt accacacctt ctacctgctg
840

gagctccacc acacagctgt gccaaactct gtcttcagcc tggggctacc cctggccacg

900

gccgtcgcca tcgccaacag ctgcatgaac cccattctgt acgtcttcat gggccacgac
960

ttcagaaaaat tcaaggtggc cctcttctcc cgcctggcca acgccctgag tgaggacaca
1020

ggcccctcct cctaccccag tcacaggagc ttcaccaaga tgtcgtcttt gaatgagaag
1080

gcttcggtga atgagaagga gaccagtacc ctctga
1116

<210> 4

<211> 371

<212> PRT

<213> Mus musculus

<400> 4

Met Glu Tyr Asp Ala Tyr Asn Asp Ser Gly Ile Tyr Asp Asp Glu Tyr
1 5 10 15

Ser Asp Gly Phe Gly Tyr Phe Val Asp Leu Glu Glu Ala Ser Pro Trp
20 25 30

Glu Ala Lys Val Ala Pro Val Phe Leu Val Val Ile Tyr Ser Leu Val
35 40 45

Cys Phe Leu Gly Leu Leu Gly Asn Gly Leu Val Ile Val Ile Ala Thr
50 55 60

Phe Lys Met Lys Lys Thr Val Asn Thr Val Trp Phe Val Asn Leu Ala
65 70 75 80

Val Ala Asp Phe Leu Phe Asn Ile Phe Leu Pro Met His Ile Thr Tyr
85 90 95

Ala Ala Met Asp Tyr His Trp Val Phe Gly Lys Ala Met Cys Lys Ile
100 105 110

Ser Asn Phe Leu Leu Ser His Asn Met Tyr Thr Ser Val Phe Leu Leu
 115 120 125

Thr Val Ile Ser Phe Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
 130 135 140

Ser Gln Asn His Arg Ser Ile Arg Leu Ala Tyr Met Thr Cys Ser Ala
 145 150 155 160

Val Trp Val Leu Ala Phe Phe Leu Ser Ser Pro Ser Leu Val Phe Arg
 165 170 175

Asp Thr Ala Asn Ile His Gly Lys Ile Thr Cys Phe Asn Asn Phe Ser
 180 185 190

Leu Ala Ala Pro Glu Ser Ser Pro His Pro Ala His Ser Gln Val Val
 195 200 205

Ser Thr Gly Tyr Ser Arg His Val Ala Val Thr Val Thr Arg Phe Leu
 210 215 220

Cys Gly Phe Leu Ile Pro Val Phe Ile Ile Thr Ala Cys Tyr Leu Thr
 225 230 235 240

Ile Val Phe Lys Leu Gln Arg Asn Arg Leu Ala Lys Asn Lys Lys Pro
 245 250 255

Phe Lys Ile Ile Ile Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
 260 265 270

Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
 275 280 285

Ser Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile
 290 295 300

Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly His Asp
 305 310 315 320

Phe Arg Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Ala Asn Ala Leu
 325 330 335

Ser Glu Asp Thr Gly Pro Ser Ser Tyr Pro Ser His Arg Ser Phe Thr

340 345 350

Lys Met Ser Ser Leu Asn Glu Lys Ala Ser Val Asn Glu Lys Glu Thr
355 360 365

Ser Thr Leu
370

<210> 5
<211> 1116
<212> DNA
<213> Rattus norvegicus

<400> 5
atggagtacg agggttacaa cgactccagc atctacggtg aggagtattc tgacggctcg
60
gactacatcg tggacttgga ggaggcgggt ccaactggagg ccaaggtggc cgaggtcttc
120
ctgggtggtaa tctacagctt ggtgtgcttc ctccgggatcc taggcaatgg cctgggtgatt
180
gtcatcgcca ccttcaagat gaagaagacg gtgaacaccg tgtggtttgt caacctggcc
240
gtggctgact tcctgttcaa catcttcttg cccatccaca tcacctatgc cgctatggac
300
taccactggg tgttcgggaa agccatgtgc aagattagta gctttctgct aagccacaac
360
atgtacacca gcgctcttct gctcactgtc atcagcttcg accgctgcat ctccgtgctc
420
ctccccgtct ggtcccagaa ccaccgcagc gtgcgtctgg cctacatgac ctgcgtgggt
480
gtctgggtct ggctttcttc tgagtctccc ccgtccctcg tcttcggaca cgtcagcacc
540
agccacggga agataacctg cttcaacaac ttcagcctgg cggcgcccga gcctttctct
600

cattccaccc acccggaac agaccggta ggtacagca gacatgtggc ggtcaccgtc
660

accgcttcc tctgtggctt cctgatcccc gtcttcatca tcacggcctg ttacctcacc
720

atcgtcttca agttgcagcg caaccggcag gccaaagacca agaagccctt caagatcatc
780

atcaccatca tcatcacctt ctccctctgc tgggtgccctt accacacact ctacctgctg
840

gagctccacc acacggctgt gccagcctct gtcttcagcc tgggactgcc cctggccaca
900

gccgtcgcca tcgccaacag ctgtatgaac cccatcctgt acgtcttcat gggccacgac
960

ttcaaaaaat tcaaggtggc ccttttctcc cgcttggatga atgccctgag cgaggacaca
1020

ggaccctcct cctaccccag tcacaggagc ttcaccaaga tgtcctcatt gattgagaag
1080

gcttcagtga atgagaaaga gaccagcacc ctctga
1116

<210> 6

<211> 371

<212> PRT

<213> Rattus norvegicus

<400> 6

Met	Glu	Tyr	Glu	Gly	Tyr	Asn	Asp	Ser	Ser	Ile	Tyr	Gly	Glu	Glu	Tyr
1				5					10					15	

Ser	Asp	Gly	Ser	Asp	Tyr	Ile	Val	Asp	Leu	Glu	Glu	Ala	Gly	Pro	Leu
			20					25					30		

Glu	Ala	Lys	Val	Ala	Glu	Val	Phe	Leu	Val	Val	Ile	Tyr	Ser	Leu	Val
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

35					40					45					
Cys	Phe	Leu	Gly	Ile	Leu	Gly	Asn	Gly	Leu	Val	Ile	Val	Ile	Ala	Thr
50					55					60					
Phe	Lys	Met	Lys	Lys	Thr	Val	Asn	Thr	Val	Trp	Phe	Val	Asn	Leu	Ala
65					70					75					80
Val	Ala	Asp	Phe	Leu	Phe	Asn	Ile	Phe	Leu	Pro	Ile	His	Ile	Thr	Tyr
				85					90					95	
Ala	Ala	Met	Asp	Tyr	His	Trp	Val	Phe	Gly	Lys	Ala	Met	Cys	Lys	Ile
			100					105					110		
Ser	Ser	Phe	Leu	Leu	Ser	His	Asn	Met	Tyr	Thr	Ser	Val	Phe	Leu	Leu
		115					120					125			
Thr	Val	Ile	Ser	Phe	Asp	Arg	Cys	Ile	Ser	Val	Leu	Leu	Pro	Val	Trp
	130					135					140				
Ser	Gln	Asn	His	Arg	Ser	Val	Arg	Leu	Ala	Tyr	Met	Thr	Cys	Val	Val
145					150					155					160
Val	Trp	Val	Trp	Leu	Ser	Ser	Glu	Ser	Pro	Pro	Ser	Leu	Val	Phe	Gly
				165					170					175	
His	Val	Ser	Thr	Ser	His	Gly	Lys	Ile	Thr	Cys	Phe	Asn	Asn	Phe	Ser
			180					185					190		
Leu	Ala	Ala	Pro	Glu	Pro	Phe	Ser	His	Ser	Thr	His	Pro	Arg	Thr	Asp
		195					200					205			
Pro	Val	Gly	Tyr	Ser	Arg	His	Val	Ala	Val	Thr	Val	Thr	Arg	Phe	Leu
	210					215					220				
Cys	Gly	Phe	Leu	Ile	Pro	Val	Phe	Ile	Ile	Thr	Ala	Cys	Tyr	Leu	Thr
225					230					235					240
Ile	Val	Phe	Lys	Leu	Gln	Arg	Asn	Arg	Gln	Ala	Lys	Thr	Lys	Lys	Pro
				245					250					255	
Phe	Lys	Ile	Ile	Ile	Thr	Ile	Ile	Ile	Thr	Phe	Phe	Leu	Cys	Trp	Cys
			260				265						270		

Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
 275 280 285

Ala Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile
 290 295 300

Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly His Asp
 305 310 315 320

Phe Lys Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Val Asn Ala Leu
 325 330 335

Ser Glu Asp Thr Gly Pro Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
 340 345 350

Lys Met Ser Ser Leu Ile Glu Lys Ala Ser Val Asn Glu Lys Glu Thr
 355 360 365

Ser Thr Leu
 370

<210> 7

<211> 492

<212> DNA

<213> Homo sapiens

<400> 7

atgcgacggc tgctgatccc tctggccctg tggctgggtg cggtgggcgt gggcgtcgcc
 60

gagctcacgg aagcccagcg ccggggcctg caggtggccc tggaggaatt tcacaagcac
 120

ccgcccgtgc agtgggcctt ccaggagacc agtgtggaga gcgccgtgga cagcccttc
 180

ccagctggaa tatttgtgag gctggaattt aagctgcagc agacaagctg ccggaagagg
 240

gactggaaga aacccgagtg caaagtcagg cccaatggga ggaaacggaa atgcctggcc
 300

tgcacaaac tgggctctga ggacaaagtt ctgggccggt tggccactg ccccatagag
360

acccaagttc tgcgggaggc tgaggagcac caggagaccc agtgcctcag ggtgcagcgg
420

gttggtgagg acccccacag cttctacttc cctggacagt tcgccttctc caaggccctg
480

ccccgcagct aa
492

<210> 8
<211> 163
<212> PRT
<213> Homo sapiens

<400> 8

Met	Arg	Arg	Leu	Leu	Ile	Pro	Leu	Ala	Leu	Trp	Leu	Gly	Ala	Val	Gly
1				5					10					15	

Val	Gly	Val	Ala	Glu	Leu	Thr	Glu	Ala	Gln	Arg	Arg	Gly	Leu	Gln	Val
			20					25					30		

Ala	Leu	Glu	Glu	Phe	His	Lys	His	Pro	Pro	Val	Gln	Trp	Ala	Phe	Gln
		35					40					45			

Glu	Thr	Ser	Val	Glu	Ser	Ala	Val	Asp	Thr	Pro	Phe	Pro	Ala	Gly	Ile
	50					55					60				

Phe	Val	Arg	Leu	Glu	Phe	Lys	Leu	Gln	Gln	Thr	Ser	Cys	Arg	Lys	Arg
65					70					75				80	

Asp	Trp	Lys	Lys	Pro	Glu	Cys	Lys	Val	Arg	Pro	Asn	Gly	Arg	Lys	Arg
				85					90					95	

Lys	Cys	Leu	Ala	Cys	Ile	Lys	Leu	Gly	Ser	Glu	Asp	Lys	Val	Leu	Gly
			100					105					110		

Arg	Leu	Val	His	Cys	Pro	Ile	Glu	Thr	Gln	Val	Leu	Arg	Glu	Ala	Glu
		115					120					125			

Glu His Gln Glu Thr Gln Cys Leu Arg Val Gln Arg Ala Gly Glu Asp
 130 135 140

Pro His Ser Phe Tyr Phe Pro Gly Gln Phe Ala Phe Ser Lys Ala Leu
 145 150 155 160

Pro Arg Ser

<210> 9
 <211> 489
 <212> DNA
 <213> Mus musculus

<400> 9
 atgaagtgct tgctgatctc cctagcccta tggctgggca cagtgggcac acgtgggaca
 60

gagcccgaaac tcagcgagac ccagcgcagg agcctacagg tggctctgga ggagttccac
 120

aaacacccac ctgtgcagtt ggccttccaa gagatcgggtg tggacagagc tgaagaagtg
 180

ctcttctcag ctggcacctt tgtgagggtg gaatttaagc tccagcagac caactgcccc
 240

aagaaggact ggaaaaagcc ggagtgcaca atcaaaccaa acggggagaag gcggaaatgc
 300

ctggcctgca ttaaaatgga cccaagggt aaaattctag gccggatagt ccaactgcccc
 360

attctgaagc aagggcctca ggatcctcag gagttgcaat gcattaagat agcacaggct
 420

ggcgaagacc cccacggcta ctctctacct ggacagtttg ccttctccag ggccttgaga
 480

accaaataa
 489

<210> 10
 <211> 162
 <212> PRT
 <213> Mus musculus

<400> 10

Met Lys Cys Leu Leu Ile Ser Leu Ala Leu Trp Leu Gly Thr Val Gly
 1 5 10 15

Thr Arg Gly Thr Glu Pro Glu Leu Ser Glu Thr Gln Arg Arg Ser Leu
 20 25 30

Gln Val Ala Leu Glu Glu Phe His Lys His Pro Pro Val Gln Leu Ala
 35 40 45

Phe Gln Glu Ile Gly Val Asp Arg Ala Glu Glu Val Leu Phe Ser Ala
 50 55 60

Gly Thr Phe Val Arg Leu Glu Phe Lys Leu Gln Gln Thr Asn Cys Pro
 65 70 75 80

Lys Lys Asp Trp Lys Lys Pro Glu Cys Thr Ile Lys Pro Asn Gly Arg
 85 90 95

Arg Arg Lys Cys Leu Ala Cys Ile Lys Met Asp Pro Lys Gly Lys Ile
 100 105 110

Leu Gly Arg Ile Val His Cys Pro Ile Leu Lys Gln Gly Pro Gln Asp
 115 120 125

Pro Gln Glu Leu Gln Cys Ile Lys Ile Ala Gln Ala Gly Glu Asp Pro
 130 135 140

His Gly Tyr Phe Leu Pro Gly Gln Phe Ala Phe Ser Arg Ala Leu Arg
 145 150 155 160

Thr Lys

<210> 11
 <211> 13

<212> PRT
<213> Artificial

<220>
<223> Src-related peptide kinase substrate

<400> 11

Arg Arg Leu Ile Glu Asp Ala Glu Tyr Ala Ala Arg Gly
1 5 10

<210> 12
<211> 8
<212> DNA
<213> Artificial

<220>
<223> CREB binding site

<400> 12
tgacgtca
8

<210> 13
<211> 9
<212> PRT
<213> Homo sapiens

<400> 13

Lys Leu Gln Gln Thr Ser Cys Arg Lys
1 5

<210> 14
<211> 10
<212> PRT
<213> Homo sapiens

<400> 14

Arg Asp Trp Lys Lys Pro Glu Cys Lys Lys
1 5 10

<210> 15
<211> 13
<212> PRT
<213> Homo sapiens

<400> 15

Arg Gly Leu Gln Val Ala Leu Glu Glu Phe His Lys His
1 5 10

<210> 16
<211> 14
<212> PRT
<213> Homo sapiens

<400> 16

Lys Cys Leu Ala Cys Ile Lys Leu Gly Ser Glu Asp Lys Val
1 5 10

<210> 17
<211> 14
<212> PRT
<213> Homo sapiens

<400> 17

Arg Leu Val His Cys Pro Ile Glu Thr Gln Leu Val Arg Glu
1 5 10

<210> 18
<211> 14
<212> PRT
<213> Homo sapiens

<400> 18

Arg Arg Gly Leu Gln Val Ala Leu Glu Glu Phe His Lys His
1 5 10

<210> 19
<211> 14

<212> PRT
<213> Homo sapiens

<400> 19

Arg Glu Ala Glu Glu His Gln Glu Thr Gln Cys Leu Arg Val
1 5 10

<210> 20
<211> 28
<212> DNA
<213> Homo sapiens

<400> 20
caggaattca gcatgcgacg gctgctga
28

<210> 21
<211> 29
<212> DNA
<213> Homo sapiens

<400> 21
gctctagatt agctgcgggg cagggcctt
29

<210> 22
<211> 48
<212> DNA
<213> Mus musculus

<400> 22
tctctcgaga aaagagagggc tgaagctaca cgtgggacag agcccgaa
48

<210> 23
<211> 48
<212> DNA
<213> Homo sapiens

<400> 23
tctctcgaga aaagagaggg tgaagctggc gtcgccgagc tcacggaa
48

<210> 24
<211> 48
<212> DNA
<213> Homo sapiens

<400> 24
tctctcgaga aaagagaggg tgaagctgtg ggcgtcgccg agctcacg
48

<210> 25
<211> 30
<212> DNA
<213> Mus musculus

<400> 25
agggaattct tatttggttc tcagggccct
30

<210> 26
<211> 30
<212> DNA
<213> Homo sapiens

<400> 26
agggaattct tagctgcggg gcagggcctt
30

<210> 27
<211> 28
<212> DNA
<213> Mus musculus

<400> 27
caggaattcg ccatgaagtg cttgctga
28

<210> 28
<211> 28
<212> DNA
<213> Homo sapiens

<400> 28
caggaattca gcatgcgacg gctgctga
28

<210> 29
<211> 29
<212> DNA
<213> Mus musculus

<400> 29
gctctagatt tggttctcag ggccttgga
29

<210> 30
<211> 29
<212> DNA
<213> Homo sapiens

<400> 30
gctctagagc tgcggggcag ggccttgga
29

<210> 31
<211> 18
<212> PRT
<213> Homo sapiens

<400> 31

His	Ser	Phe	Tyr	Phe	Pro	Gly	Gln	Phe	Ala	Phe	Ser	Lys	Ala	Leu	Pro
1				5					10					15	

Arg Ser

<210> 32
<211> 15
<212> PRT
<213> Rattus norvegicus

<400> 32

Arg Ile Tyr Phe Phe Pro Gly Gln Phe Ala Phe Ser Arg Ala Leu
1 5 10 15

<210> 33
<211> 18
<212> PRT
<213> Mus musculus

<400> 33

His Gly Tyr Phe Leu Pro Gly Gln Phe Ala Phe Ser Arg Ala Leu Arg
1 5 10 15

Thr Lys

<210> 34
<211> 18
<212> PRT
<213> Sus scrofa

<400> 34

His Ser Tyr Tyr Phe Pro Gly Gln Phe Ala Phe Phe Lys Ala Leu Pro
1 5 10 15

Pro Ser

<210> 35
<211> 15
<212> PRT
<213> Bos taurus

<400> 35

His Ser Tyr Tyr Leu Pro Gly Gln Phe Ala Phe Ile Lys Ala Leu
1 5 10 15

<210> 36

<211> 16

<212> PRT

<213> Gallus gallus

<400> 36

Asp Val Leu Tyr Leu Pro Gly Met Phe Ala Phe Ser Lys Gly Leu Pro
1 5 10 15

<210> 37

<211> 7

<212> PRT

<213> Artificial

<220>

<223> Substrate peptide for Protein Kinase C

<400> 37

Phe Lys Lys Ser Phe Lys Leu
1 5

<210> 38

<211> 11

<212> DNA

<213> artificial

<220>

<223> Consensus NF-kappa B binding site

<400> 38

ggggactttc c

11